

University of Groningen

Erratum: Towards the understanding of the origin of charge-current-induced spin voltage signals in the topological insulator Bi₂Se₃ [Phys. Rev. B 92, 201102(R) (2015)]

Vries, de, Eric Kornelis; Kamerbeek, A. M.; Koirala, N.; Brahlek, M.; Salehi, M.; Oh, S.; van Wees, B. J.; Banerjee, T.

Published in:

Physical Review. B: Condensed Matter and Materials Physics

DOI:

[10.1103/PhysRevB.93.159907](https://doi.org/10.1103/PhysRevB.93.159907)

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2016

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Vries, de, E. K., Kamerbeek, A. M., Koirala, N., Brahlek, M., Salehi, M., Oh, S., van Wees, B. J., & Banerjee, T. (2016). Erratum: Towards the understanding of the origin of charge-current-induced spin voltage signals in the topological insulator Bi₂Se₃ [Phys. Rev. B 92, 201102(R) (2015)]. *Physical Review. B: Condensed Matter and Materials Physics*, 93, [159907(E)]. <https://doi.org/10.1103/PhysRevB.93.159907>

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

Erratum: Towards the understanding of the origin of charge-current-induced spin voltage signals in the topological insulator Bi_2Se_3 [Phys. Rev. B **92, 201102(R) (2015)]**

E. K. de Vries, A. M. Kamerbeek, N. Koirala, M. Brahlek, M. Salehi, S. Oh, B. J. van Wees, and T. Banerjee

(Received 3 April 2016; published 27 April 2016)

DOI: [10.1103/PhysRevB.93.159907](https://doi.org/10.1103/PhysRevB.93.159907)

We have found an error in our publication regarding the direction of the arrow that represents the direction of the surface state spin polarization σ . According to the convention as used in our paper, the direction of σ in Figs. 2(c), 5(c), and S1(c) should be flipped to the $+y$ direction (i.e., those should be opposite to that of Figs. 2(b), 5(b), and S1(b)) as the current direction is inverted. This follows from the spin-momentum locking relation that holds for the surface states in our topological insulator Bi_2Se_3 .

This change does not affect any conclusions made in our paper.

We thank Dr. Connie Li of Naval Research Laboratory, USA, for pointing this out.